

## Publication of Sketches and Pictures of Y-12ers Promoted in Past Year Starts in The Bulletin

### Order Of Appearance Has No Significance

With this edition of The Bulletin, publication of pictures and sketches of the more than 100 Y-12ers who have received promotions since July 1, 1951, is started. The Bulletin plans to publish several of these sketches and pictures each week in recognition of the promotions that were given as a reward for excellent work records.

There is absolutely no significance in the order in which the sketches will appear or the number of them that are printed in each edition of the paper. Following are the first six:

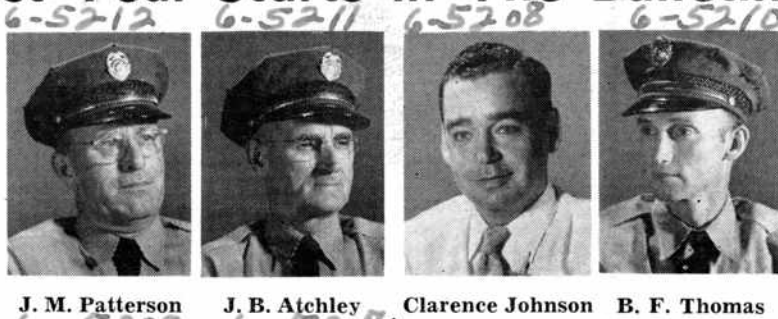
**Jennings B. Atchley**—This veteran of the Y-12 Guard Department has been an employee since August 28, 1943, when he came to work in the plant. He was promoted from sergeant to the rank of lieutenant on January 1, 1952. He lives at 127 Childress Street, Knoxville. Lieutenant Atchley was married in 1918 and he and his wife, Mrs. Elizabeth Atchley, have two sons, Cecil L. and Troy J. Atchley.

**William Lawrence Coggins**—His service with Y-12 started on March 10, 1944, and he was promoted from receiving and shipping clerk to labor foreman on October 1, 1951, in the Property Sales Department. He lives in Powell with his wife, Mary Lou, and two children, Larry and Allen. They were married in 1937.

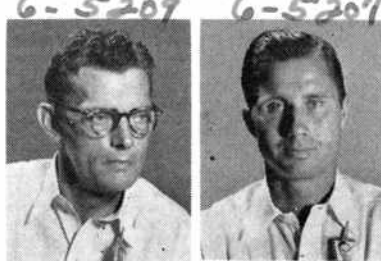
**Clarence Johnson**—Much of the statistical work in the Safety Department for the past several years has been handled by Clarence Johnson. He came to work in Y-12 on March 10, 1944, and on July 1, 1951 he was promoted from safety reports clerk to reports engineer. He was married in February, 1943, and his wife, Elizabeth, also is a Y-12er. They live at 208 West Vanderbilt Drive in Oak Ridge and have no children.

**Oscar Woodrow Patrick**—His service in Y-12 dates from May 24, 1948, when he came to work in the Property Sales Department. He spent about one year in the army after coming to the plant.

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J. M. Patterson J. B. Atchley Clarence Johnson B. F. Thomas



W. L. Coggins O. W. Patrick

## New Women's First Aid Team Is Organized

The disbanding of one first aid team and the formation of another to participate in the annual Carbide First Aid Contest was announced last week by the Training Department. The contest will be held at 7:30 o'clock Saturday night, August 23, at Blankenship Field.

### New Women's Group Formed

Because of the difficulty of working a training schedule into their rotating shift working hours, the team representing the Chemical Processing Division was forced to abandon its intention of entering the Carbide contest. The new team is a women's group, the second to be formed in Y-12 for the contest, representing the Product Processing Department. Members of the women's group are Iva B. Mitchell, D. Williams, E. N. Clark, Vera Rogers, Joyce Wilkinson, Sue Strange and I. H. Jones.

About 40 teams are expected to enter the contest this year.

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## Work To Start Soon On New Carbide Plants

### Oak Ridge, Paducah Facilities To Expand; Barge Line Is Opened

Construction work on two new gaseous diffusion plants for the Atomic Energy Commission, both of which will be operated by Carbide and Carbon Chemicals Company, is scheduled to begin immediately, it has been announced by S. R. Sapirie, manager of the Oak Ridge Operations for the AEC. The two plants will cost almost one billion dollars to construct.

### K-33 To Cost \$464,000,000

One of the plants, to be known as K-33, will be located in the K-25 area of Oak Ridge and will cost \$464,000,000. The other plant is an addition to the present gaseous diffusion installation at Paducah, Ky., which will cost \$459,000,000.

Another interesting development to Carbide employees in Oak Ridge is that the Company has instituted, through contract, a barge line to ferry material between the K-25 area and Paducah. This service began last Monday, July 21, when the first shipment left a newly constructed dock on the Clinch River near the K-25 plant. The service is being given by the Arrow Transportation Co., which is using a tow boat and two barges.

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## Process To Be Used By Carborundum Firm To Produce Zirconium, Hafnium Developed In Y-12 For Commission

### AEC Awards Contract For Manufacture Of Rare Metals And Calls Move "Significant Step" In Program To Let Private Firms Take Over Work

A recent announcement in the Wall Street Journal and several scientific publications that the Atomic Energy Commission had let a contract to the Carborundum Metals Co., Inc., for production of zirconium and hafnium metal revealed that the process to be used by the company was developed right here in Y-12 by Y-12 and Oak Ridge National Laboratory personnel for AEC.

AEC officials have declared that the Carborundum contract represents a "significant step" in the commission's program to encourage private enterprise to take over portions of the commission's work in atomic energy development that can be handled on a conventional business basis. The Carborundum Metals Co., Inc., is a new subsidiary of Carborundum Co., Niagara Falls, N. Y.

The AEC announcement marked the successful achievement of a project launched more than three years ago in Y-12 to supply a material urgently needed for construction of newly developed nuclear energy facilities. During the winter of 1947 and 1948 research men of the Oak Ridge National Laboratory began work to develop this material and found that zirconium was the most suited for the purpose. Previous to that time zirconium had been unavailable in greater than gram quantities. As the project developed the major effort was put forward by the Materials Chemistry Division of ORNL at Y-12 under direction of Glen H. Clewett, Warren Grimes, and William H. Leaders.

### Pilot Plant Started In 1949

Laboratory studies were begun early in 1949 on the most efficient method of separating zirconium from its impurities, including hafnium. Both metals are produced from zircon sand obtained from the beaches of Florida and are usually found in a mixed state, along with other elements. By September of that year the group had succeeded in placing in operation a pilot plant capable of producing several pounds of zirconium oxide daily with a low hafnium concentration.

Investigations of the problem were continued in the pilot plant until January, 1950, with the result that the separation process was made more and more efficient. This, in turn, made the expansion of the pilot plant into a full-scale production unit a necessity for successful achievement of the objective—the production of very pure zirconium oxide in substantial quantities.

**Plant Expanded In 1950**  
Responsibility for the development of the program then was placed in the hands of Jesse M. Herndon, Process Division Superintendent; George A. Strasser, Chemical Operations Department.

Continued on Page 2

### SAFETY SCOREBOARD

Your Plant Has  
Operated  
Four Days  
Without A Lost Time  
Accident\*  
Through July 27



HERE ARE TWO MORE OF THE Y-12 TEAMS IN TRAINING for the annual Carbide First Aid Contest to be held August 23. At left is the Uranium Processing Department "A" team. Clockwise from left are J. E. Beeman, F. M. Herndon, J. K. Waldrup, K. B. Davis, Alexander Berry and H. E. Dake, captain, with the



patient being R. G. Walker, Jr. At right is the Research Services Department team, from left, Andy Kocsi, C. C. St. John, John Harris, W. T. Mitchell and W. H. Dodson, with the patient being B. B. Coulter.

Y-12 Photos By Vince Moore



# The Bulletin

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## Ridge Horse Show Set For August 15

The fourth annual Oak Ridge Horse Show will be held on Friday night, August 15, at the new pavilion of the East Tennessee Riding Club and Horse Show Associates, Inc., it has been announced by James P. Jackson, president of the organization. The new grounds of the group are on Tuskegee Road in the Gamble Valley warehouse section.

### Grandstand Being Built

Members of the organization are busily engaged in building a grandstand and ring for the August 15 show and future exhibitions. A grandstand with a seating capacity of 600 persons is being constructed and an additional 200 reserved box seats will be placed in front of the stands.

The club has a 17-acre tract obtained on lease from the Atomic Energy Commission with option to purchase. In addition to the grandstand, club members are building a ring for the showing of horses. This has been done by laying a gravel base and covering it with many loads of dirt. A clubhouse also is being provided in a building formerly used as a warehouse. Office quarters already have been installed and plans call for remodeling to provide space for general activities such as dancing and social events.

### 100 Entries Are Expected

Another former warehouse building will be remodeled for stable use. This will not be ready for the August 15 show but hitching posts and temporary stalls will be available for the approximately 100 horses expected to be entered in the show.

Y-12ers interested in horse shows may obtain tickets for the August 15 event at the Music Box.

## Pictures And Sketches Publication Is Begun

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He was promoted from receiving and shipping clerk to labor foreman on October 1, 1951. Married on July 4, 1944, Patrick and his wife, Lucy Alice, and three children, Oscar W., Billie Carr and Alice June, live at Petros, Tenn.

**J. M. Patterson**—Another "old-timer" in the Guard Department, he came to work in Y-12 on September 8, 1943, and on January 1, 1952, was promoted from sergeant to lieutenant. He is married and with his wife, Lydia, lives at 319 Ault Street, Knoxville. They have three children, Katherine, Charles and Joseph. They were married November 29, 1917.

**Benjamin Franklin Thomas**—Coming to work in Y-12 on October 5, 1943, he received his promotion from sergeant to lieutenant in the Guard Department on January 1, 1952. He commutes to Y-12 from his home at 500 Black Oak Drive, Knoxville. He was married on February 28, 1945, and he and his wife, Faye, have one son, Patrick Joseph.

There is no danger of developing eyestrain from looking on the bright side of things.



Have you ants in your pantries—or kitchen—or anyplace else around the house? Perhaps the cure sent in by a well-meaning but anonymous contributor to The Bulletin might help out.

The proposal is to place slices of raw cucumber around the floor. Well—we'll bite. What do the poor ants do? Eat the cucumbers and burp themselves into ant eternity?

The Guard Department extends get-well wishes to **Capt. Joe Conner**, who is ill at his home in Lenoir City . . . **W. E. Green** spent a week of vacation at his home in Winchester, Tenn.

**Emmett Moore**, of the Fire Department, and his family attended a home-coming at his home in Marion, Va., while vacationing recently . . . **Capt. E. F. Greer** put his vacation time to good use recently by painting his house in Knoxville . . . **Jerry Hasting** is spending a quiet week of vacation at home in Oak Ridge.

**Ollie Morris**, of the Laundry, is visiting her sister in Chattanooga for a few days and then going on to St. Petersburg, Fla., for the rest of a two-week vacation . . . The department extends sympathy to **Flossie Smith** on the recent death of her father, **Byrd McGhee**, in Briceville.

**Reva Dagley**, of the General Maintenance Offices, has returned from a week's vacation with her mother in Wartburg.

**L. W. McNeil**, of Research Engineering, and his family spent a week of vacation in South Carolina.

**Carl Brewster**, of Medical, expects to do a bit of boating on the local lakes while vacationing in and around Oak Ridge, this week.

**J. D. Raulston**, of Manufacturing Offices, decided to take in some of the Florida sunshine while vacationing last week . . . The department extends best wishes to **Maola Conner's** mother, who is a patient at St. Mary's Hospital in Knoxville. She was reported in critical condition Monday.

**R. S. Ware**, of Plant Engineering, and his family are visiting Wyoming's Yellowstone National Park while on two weeks of vacation . . . **Helen McNew** with a cousin, and **Jane Blackwell**, a K-25er, spent a week's vacation at Daytona Beach, Fla. . . **Robert Thompson** and his wife visited in Kentucky last week . . . **M. B. Bridges** spent his week's vacation around home in Knoxville . . . **Nicky Tronolone** and his wife are spending a part of his two-week vacation in Miami, Fla.

**Fashion note for Y-12 gals**—and the guys might try it too. **Miss Esther Moody**, our Girl Friday around Grand Central Depot (The Bulletin and Recreation Office) has a new style in headgear to help—a little bit, she says—beating the heat. She takes any old large manila envelope that has outlived its usefulness for enclosure of mail and slips it over her blonde curls. Cheap and expendable.

Property Sales extends sincere sympathy to **A. A. Gibbs** and his wife, whose 13-year-old daughter, **Sherry Ann**, died on July 19 . . . Good luck and best wishes to **Hazel Tompkins**, who terminated last Friday, to go with her husband to California, where he has accepted a job—they plan to take a northern route in order to see part of the country and to visit with a daughter in St. Joseph, Mo., and relatives in Kansas, then on to California where they will spend some time with a son in National City, before settling down to work.

The Superintendents Department and the many friends of **June Messer**, a former member of the department, extend congratulations to her and her husband at the birth of a baby boy at St. Mary's Hospital in Knoxville, July 20. Little **Stephen Ricky** weighed seven pounds at birth.

**Rubye McCloud**, of Chemical, has returned from a week of vacation which she spent at home except for a short trip she and her husband made to Virginia.

**Bertha Crowder**, of Uranium

Control and Computing, is visiting relatives and friends this week in Kentucky . . . **Shirley Thompson** vacationed last week at her home in Minnesota . . . **Ed Bailey** is taking life easy this week around home in Oak Ridge . . . **A. K. Bissell** divided last week's vacation time between Washington, D. C., and New York City . . . **Verner Anderson** is spending a part of his two-week vacation in Canada . . . **Flo Coefield** visited relatives and friends in Birmingham, Ala., over the week end.

**Helen Beckner**, of Maintenance Shops, has returned from a recent vacation which she spent with her folks in Detroit, Mich., and a few days with her grandmother in Winsor, Canada . . . **Rudy Mannheimer** is spending two weeks of vacation at his home in Detroit, Mich. . . **R. V. Hawk** is spending his two weeks in Roanoke, Va. . . Congratulations go to **H. J. Nelson** at the recent birth of a baby girl weighing eight pounds when she was born at a Knoxville hospital . . . **W. K. Forrester** and **W. H. Park** and their wives were the recipients of a steak dinner with all the trimmings when a fishing bet paid off with **L. D. Hayes**, of the Administrative Department.

**Lucia Padgett**, of Stores, visited her son, **A/3-C David C. Padgett**, at the Scott Air Force Base in Belleville, Ill., while on vacation last week. She also visited St. Louis, Mo., and other places of interest while on the trip . . . **Mary Nell Smith** spent her week of vacation around home in Oliver Springs . . . **J. L. Hamon** is vacationing down Memphis way.

**H. F. Eubanks**, of Receiving and Shipping, vacationed last week at home in Byington.

**Frank Kertesz**, of the Material Chemistry Division, and his family spent a week's vacation in New York, after which Frank attended a conference in New Hampshire. **George Nessel** was host at a party for the ANP Section of the Division and their families given at his home in Oak Ridge, on July 12. The afternoon was spent playing games and was followed by a weiner roast with all the trimmings.

**Velma Rogers**, of Isotope Research, is spending a two-week vacation with her folks in Spokane, Wash.

The Health Physics Department welcomes **Ben Easter** to the roster. . . **Florence Housch** with **Pat Smith**, of AEC, **Ronnie Ballach**, of Southern Bell, and **Bill Luke-man**, of the Analytical Chemistry Division, are spending this week's vacation cruising in the Atlantic Ocean off the coast of Maine, on the schooner, *The Enterprise*. The group flew to New York and will fly back after the cruise is over.

The Electromagnetic Research Division wishes the best of luck for **Nat Stetson**, who has accepted a position with the AEC in Aiken, S. C. The folks made **Nat** the guest of honor at a luncheon last Thursday at the cafeteria. About 50 were there.

Congratulations to **Margaret O'Neal**, a former Y-12er in the Guard Department, who is the proud mamma of a six-pound boy, born July 24 at the Baptist Hospital in Knoxville.

The Safety Department extends sympathy to **J. F. Carpenter** at the untimely death of his niece, **Mrs. Betty Green**, who was killed in an automobile accident near Roanoke, Va. She and her mother were returning from a shopping trip there to Natural Bridge, Va., when the accident occurred on July 22. Many Y-12ers remember



**PICTURE - TAKING MAN** gets his picture taken. This rare picture of **Paul Ziemke**, of the Safety Department, all dressed up and vacationing in New York is evidence that he actually got there—a fact partially disputed after reports the nearest he got was the heights of East Orange, N. J. Anyhow, here is "Old Baggy Pants" (he described himself thusly) standing at Battery Park in Lower Manhattan with a part of the majestic skyline of the city behind him. The second tall building from right, with the tapering and pointed tower, is the Woolworth Building, the city's first real skyscraper but now dwarfed even by structures in the same vicinity. The picture was made by **Myron Ziemke**, son of Paul, as the family took an eastern vacation trip recently.

**Betty** as she worked in the Property Department for about two years and made many friends. She left Oak Ridge in 1950, when her husband went to Washington to accept a job there.

The best of luck goes to **Arthur Cleveland**, of Buildings and Grounds, who left last week to volunteer his services in the Army . . . Also good luck to **Roy Ray**, of Transportation, who has been inducted into the Army.



Three Y-12 employees were listed as fathers of babies born last week at the Oak Ridge Hospital. **Nathan B. Keplinger**, Field Maintenance, became father of a boy on July 21. **Paul Weigelt**, Maintenance Shops, became father of a girl on July 22. His wife, **Dorothy**, is a former Y-12er in the Medical Department. **Herman L. Dickerson**, Electromagnetic Research, became father of a boy on July 23.

## New Women's First Aid Team Is Organized

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from the three Oak Ridge Carbide units and the Company plant at Paducah, Ky. Paducah is planning to send three teams to the event this year and that plant hopes to retain the Company trophy won last year by its lone team entered. The trophy must be won two consecutive years to become permanent possession of the plant represented by the winning team.

### Plans Made To Beat Weather

If inclement weather occurs on the night of the contest, it will be moved to school gymnasiums already arranged for in case of such emergency.

Teamwork is the cure for overwork.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: **Mary E. Lee**, ANP Division; **Horace R. Floyd**, Chemical; **George G. Everett**, Field Maintenance; **Willie Pitchford**, Administrative Product; **Samuel G. Dornan** and **Marley L. Cooper**, Guard; **William L. Blackford**, Administrative Normal.

## Work Starts Soon On New Carbide Units

Continued from Page 1

at present. The trip from here to Paducah will take about five days down the Clinch and Tennessee rivers to a government dock near Paducah. The service was arranged for after surveys revealed it would be economically feasible.

### Same Contractors Engaged

The Maxon Construction Co., of Dayton, Ohio, and other contractors will build the new K-33 plant here and the Paducah unit will be built by **F. H. McGraw and Co.**, of Hartford, Conn. These contractors erected the newly completed K-23 plant here and the original unit of the Paducah plant. Details of construction and the completion dates for both the new plants will not be disclosed.

Completion of the new plants will result in the substantial increase in production of fissionable material for use in weapons or as fuel in nuclear reactors, the AEC has declared.

## Y-12 Process Will Be Used By Private Firm

Continued from Page 1

**Superintendent**; and **John M. Googin**. They at once began planning the proposed expansion of the pilot plant. With the cooperation of the Y-12 Maintenance and Engineering Divisions under direction of **George W. Mitchel** and **J. Clyde Bowles** the pilot plant was completely re-engineered and equipped for large-scale production in about two weeks.

**J. W. Ebert**, of the Chemical Division, has been in charge of the production plant since its capacity was increased. This plant was placed in service November, 1951, and the separation of zirconium from hafnium and production of highly pure zirconium has become a continuous operation. Production has been increased from about 10 pounds to more than 1,000 pounds per day and constant efforts are being made to improve the process and reduce the cost, which already has been reduced to a small fraction of what it was before the scientists in Y-12 began their research work.

### Firm To Build Own Plant

Under the contract with AEC, **Carborundum Metals** will design, build, and operate its own plant for the production of zirconium and hafnium. AEC officials have said that the contract provides for sale of the metals at a unit price of less than \$15 per pound of approximately 150,000 pounds of zirconium and hafnium sponge metal per year for a period of five years.

## Union Carbide Sets 50c Dividend On Shares

The board of directors of Union Carbide and Carbon Corporation have declared a cash dividend of 50 cents per share on the outstanding capital stock of the Corporation, payable September 2 to stockholders of record on August 1, it has been announced by officials of the Corporation. The last dividend was 50 cents per share paid on June 2 of this year.



# RIDGE SOFTBALL TOURNNEY TO OPEN NEXT WEEK

★ ★ ★ 6-5204 ★ ★ ★



HERE ARE THE Y-12 RED BIRDS, THE MEN'S VARSITY SOFTBALL TEAM THAT CARRY the plant colors into action this season. Front row, from left, are Sam Schultz, Jack Addison, K. O. Montgomery and Bobby Loy. In rear are Lew Fitzpatrick, Bob Ridings, Ed Guy, Jim Morgan, Walt Simmons, Harold Babb, Tom Webber and Gene Huskinson. Regulars absent when picture was made include Manager Roy Roberts and Morris Perry. The youngster in front is the batboy and mascot and son of Harold Babb.

Y-12 Photo By Vince Moore

## Red Birds And ORNL To Battle Monday, K-25 To Face Winner; Robins, Bluebelles Clash Friday

### Y-12 Lassies Trounce K-25 To Meet Walker Women In Playoff

The Y-12 Robins battled into a playoff for the second half of the Knox-Ridge League title in the women's division by slamming the K-25 Bluebelles for a 12 to 9 victory last Friday night at Middletown. But for a shocking and unexpected defeat earlier in the week by the same K-25 lassies by the score of 2 to 1, the Robins would have clinched the second round crown without the need of a playoff.

### Meet Walker In Playoff

As things stood at press time of The Bulletin Monday morning the Robins were slated to meet the Cas Walker team of Knoxville Monday night. If the Y-12ers won they would meet the Walker team in a two-out-of-three series set for Tuesday, Thursday and Friday nights.

Cas Walker and the Robins also finished in a tie for the first half of the season championship and the three game series will be for the seasonal title—providing the Robins win Monday.

The Red Birds got their feathers plucked by the Oak Ridge National Laboratory Nats in their final game of the season last week by the score of 6 to 3.

In that triumph over K-25 last Friday Ella Mae Koontz was wild, passing five and hitting several other batters. However, she fanned four and hurled well in the clinches. Giles hit three for four for the winners, including a double. Imogene Loy got two singles, one a homer; and Brown also hit twice safely.

Those early week losses by the Y-12ers were heartbreakers, but no alibis were forthcoming from the players. They just got well licked, that's all.

### Birds Couldn't Hold Lead

The Red Birds got an early lead on the Nats, but couldn't hold on to it as light hitting again proved an unsurmountable handicap as big King Kong Keller tossed a three-hitter at our side. Four errors by the Y-12ers didn't help the cause along a bit, either. Montgomery, Loy and Morgan, got the only Y-12 safeties, all singles.

The law of averages had to provide that the K-25 Bluebelles had to win a game some time, but it was the Robins' tough luck that the only victory by the K-25 lassies in two years of league play had to find Y-12 on the victimized end. Ella Mae Koontz threw a one-hitter for the Robins, who only got two themselves for their only run in the first round. Both of the K-25 runs were scored without a sign of a hit.

The worst defeat ever handed a Y-12 team was absorbed by the Robins when Cas Walker handed them a 19 to 3 trimming last Wednesday night in Knoxville. Koontz didn't have her regular stuff and passed five and six errors by her mates coupled with timely hitting by the grocery girls resulted in the game turning into a rout right off the bat. Again the Robins got away on top, but soon lost their advantage and from then on it was "Katie, bar the door."

Available line scores follow:

Team	R	H	E
Robins	300	000	0—3 7 6
Cas Walker	670	006	x—19 8 2
Koontz, Hobson (3) and Hobson, O'Kain (3), Rhea and Akers.			

Robins	100	000	0—1 2 4
K-25 Bluebelles	001	010	x—2 1 2
Koontz and Hobson, Gross and Johnson.			

ORNL	000	230	1—6 5 3
Red Birds	020	001	0—3 3 4
Keller and Allen, Loy and Morgan.			

K-25 Bluebelles	201	006	0—9 7 3
Robins	610	104	x—12 12 3
Gross and Johnson, Koontz and Hobson.			

### Double Elimination Set For Men; Women Will Play Two Of Three

Tourney Time Is Here Again.

Beginning next week the three men's varsity softball teams from Y-12, K-25 and the Oak Ridge National Laboratory and the Y-12 Robins and K-25 Bluebelles in the women's division will begin battling for the honor of representing the Atomic City in the state softball tournament to be held in Chattanooga August 15, 16 and 17.

The men's tournament between the Y-12 Red Birds, K-25 Blues and ORNL Nats will be a double-elimination affair. The women's playoff will be a two-out-of-three series.

### Birds Meet Nats In Opener

The men's playoff series will be staged August 4, 6, 8 and 10 with another game to be played August 11 if necessary. The opening tilt will see Y-12 meeting ORNL with K-25 meeting the winner on August 6. The losers of the opening games will play August 8 with the final game between the survivors of the top and bottom brackets meeting August 10. If the lower bracket team is victorious in this game the additional contest will be staged on August 11.

The feminine series is slated to get under way August 8 with the second game on August 10 and the third, if necessary, on August 11.

All games will be played at Middletown Park. The August 4 contest between the Red Birds and Nats will start at 8 o'clock. The August 6 fracas will be at 8:45 o'clock. Where women's games are set for the same dates as the men's contests—August 8 and 10 and possibly August 11, the program will consist of double headers with the women opening the entertainment at 7:30 o'clock and the men following at 9 o'clock.

Admission for the first two games on the program will be 14 cents for children and 25 cents for adults. In all other games the admission will be 25 and 50 cents.

## Class B Softie Tourney Opens On August 18

One of the biggest free-for-alls in the history of Oak Ridge softball will get under way on Monday, August 18, when the city Class B tournament starts at Middletown Park. All Y-12 plant league teams are eligible to enter the jousts and entries may be filed at the Y-12 Recreation Office, North Y-12.

The Y-12 teams may enter the tournament by filing their intention to play and a roster of players at the Recreation Office not later than Monday, August 11. The teams must use only the same players that have been used in league play.

The event is expected to draw nearly 50 teams. Eligible teams are those playing in any plant leagues in the three Carbide units in Oak Ridge, the Recreation League and Church League.

### Pistol Team Meets Ridge Independents Tonight

The Y-12 pistol team is scheduled to meet the Oak Ridge Independents on the Sportsmen's Association range tonight. The Y-12ers are unbeaten in the second half of the season of the Oak Ridge league and hope to maintain their perfect record.

## Y-12 SPORTS NEWS

### Plant Loops Lead Deadlocked; High Scoring Features Games

Two teams were running neck and neck for the lead in both the Carbide and Carbon Leagues of plant softballers at the end of hectic hostilities last week. Bldg. 9212 and the Uranium Control Junior Varsity shared first place in the former loop with one win and no losses each. In the Carbon League the Rusty Nine and Hobslurps each had a pair of wins and no defeats.

Games last Friday night all were slugfests with the feature contest being a 14 to 13 victory by the Hobslurps over the Engineers, the winning run coming in the last half of the final inning. The Bums bounced the Peons by 27 to 6 and the Guards trimmed the Sparks by 16 to 1.

High scores returned to the books in early plant leagues games last week. In the Carbon League the Grocers trounced the Short Circuits in a slugfest by 20 to 14, and the All Thumbs also plastered 20 runs on the Short Circuits in another clash in which the losers tallied only four times. The Rusty Nine racked up a pair of wins during the week by licking the All Thumbs by 17 to 5 and the Grocers by 8 to 1. The Hobslurps banged out a 10 to 6 victory over the Sparks and the Engineers trounced the Guards by 10 to 5 as Bill Koons walloped a homer.

The UCJV outfit got some revenge for the playoff victory gained over them by the 49ers for the first half of the season title in the Carbide League when the uranium lads took a 3 to 1 triumph in their first clash of the second round of play. This was one of the best games of the season and saw Hopper, of the victors, best Ed Sise, of the 49ers, in a mound duel. Hopper also got a pair of hits to lead his side at bat, and allowed the opposition only three safeties. The 49ers broke even during the week, however, as they took a wild one from the Bums by 13 to 11 by scoring twice in the eighth inning of an overtime game that saw the lead switch several times. The Duds were smothered by Bldg. 9212 by 18 to 2 as A. Campbell got four for five, including a triple. After the Peons had eked out a 7 to 6 advantage on the diamond over the Duds, a check of players found the Peons with an ineligible player in the lineup and the Duds got a forfeit. Another tilt that might have produced some real fireworks between Bldg. 9212 and UCJV was washed out by a sudden shower.

**SCHEDULE**  
Wednesday, July 30—5:45, Rusty Nine vs Hobslurps. 7:15, Bums vs UCJV. 8:45, Short Circuits vs Guards.  
Thursday, July 31—5:45, Grocers vs

### Woodpeckers Lose To K. & H. By 6 To 5 As Bobbles Costly

A ghastly first inning in which they allowed six runs to trickle across the platter proved disastrous for the Y-12 Woodpeckers in the Class B Recreation League last Thursday as the Kaighin and Hughes softies took a 6 to 5 decision. Ed Sise held the K. & H. lads to only four hits, but six bobbles by his mates was too much of a handicap to overcome. Agee homered for Y-12.

The Y-12ers hope to get back into the victory column at 9 o'clock tomorrow night, Thursday, July 31, when they meet the First Presbyterians at Middletown.

Score by innings follows:

Team	R	H	E
Woodpeckers	300	000	2—5 5 6
Kaighin & Hughes.	600	000	x—6 4 2
Sise and Barker. Wetlier and Jones.			

### Orioles Take Lead In Slow Pitch Loop; Play AEC Tonight

The Y-12 Orioles spotted the Oak Ridge National Laboratory slow pitch team three runs in the first inning last week and then went on to score in all the other rounds to rack up a 20 to 5 win over the Lab lads. The victory gave the Y-12ers undisputed possession of first place in the second half of the season race.

Manger Elmore Koons' Orioles will play the Atomic Energy Commission bloopers boys in the 9 o'clock game on the league program tonight at Middletown.

In that lacing of the Labsters

Engineers. 7:15, All Thumbs vs Sparks.  
Friday, August 1—5:45, Duds vs Bums. 7:15, UCJV vs Peons. 8:45, Bldg. 9212 vs 49ers.

Monday, August 4—5:45, Sparks vs Short Circuits. 7:15, Rusty Nine vs Engineers. 8:45, Grocers vs Hobslurps.

Tuesday, August 5—5:45, 49ers vs Peons. 7:15, Bums vs Bldg. 9212. 8:45, Duds vs UCJV.

### Results, Standings In Plant Leagues

Team	R	H	E
Short Circuits	000	004	—4 7 2
All Thumbs	660	08x	—20 13 3
O'Neal and Braatz. Schaap and Truitt.			

Rusty Nine	030	000	5—8 5 0
Grocers	010	000	0—1 4 8
Burnett and Lawson. McDaniels and Salmon.			

Guards	010	000	4—5 2 2
Engineers	530	101	x—10 10 3
Darby and Hunnicutt. Koons and Morris.			

49ers	221	230	12—13 10 8
Bums	200	404	10—11 8 5
Sise and Ellis. Walton and Smith.			

Hobslurps	136	000	—10 18 3
Sparks	230	100	—6 6 0
Kasten and Walker. Whited and Baker.			

Grocers	310	610	—20 19 1
Short Circuits	224	244	—14 13 6
Wiley and Salmon. O'Neal and Crosby.			

All Thumbs	140	000	—5 6 5
Rusty Nine	161	09x	—17 9 6
Higgins and Truitt. Burnett and True.			

Sparks	001	000	—1 2 8
Guards	150	100	x—16 7 2
Argo and Baker. Wilson and Moore.			

Engineers	200	603	2—13 13 7
Hobslurps	231	700	1—14 13 4
Thomas and Morris. Kasten and Walker.			

Bums	227	79	—27 22 1
Peons	001	50	—6 6 7
Walton and Dodson. Gallimore and Rutherford.			

Bldg. 9212	212	067	—18 13 5
Duds	000	002	—2 7 4
Biery and Moses. Law and Carlton.			

UCJV	000	111	0—3 7 1
49ers	100	000	0—1 3 3
Hopper and Hopkins. Sise and Ellis.			

### STANDINGS THROUGH JULY 25

Team	W	L
Bldg. 9212	1	0
UCJV	1	0
49ers	1	1
Duds	1	1
Bums	1	1
Peons	0	2

Team	W	L
Rusty Nine	2	0
Hobslurps	2	0
Engineers	1	1
All Thumbs	1	1
Grocers	1	1
Guards	0	2
Sparks	0	2
Short Circuits	0	2

last week Andy Anderson held the foe to eight hits and was well caught by Jay Holtzknecht. In the batting bee of Braden, McLendon and Holtzknecht each got three for five with McLendon's blows all being triples.

Score by innings:

Team	R	H	E
Y-12	036	233	3—20 16 10
ORNL	300	002	0—5 8

A hot temper often comes from a cold heart.

### More Sports News On Page Four

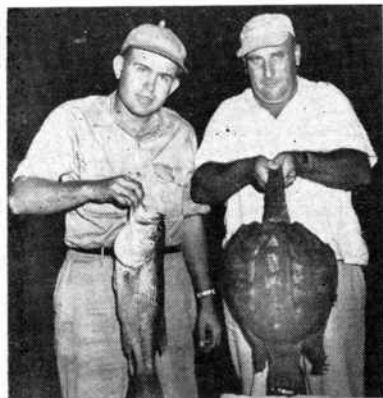


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**DON'T ANYONE SAY THAT** East Tennessee fishing waters don't have all varieties and sizes of catchable creatures. Just take a gander at this pair of piscatorial prey that fell to C. A. Wallace, left, and C. W. Kidd, of Electrical Maintenance. Wallace has a fine five-pound, five-ounce largemouth bass that was 21½ inches long. Kidd's catch was a 22-pound turtle. The fishermen landed their prizes just above the Fort Loudoun Dam on July 19. The picture was furnished The Bulletin by S. A. Hluchan, of the ORNL Instrument Department, former president of the Carbide Camera Club.

## Y-12 Racqueteers Beat K-25; All Tilts Closely Contested

In one of the most stubbornly contested tennis tussles staged in Oak Ridge in years, the Y-12 net team nicked the K-25 racquet wielders for a 5 to 0 triumph last week. The whitewash score is no indication of the closeness of the court clashes as three of the four matches went to the three set limit and in the other a marathon first set was played. The Y-12ers will meet the AEC team Thursday afternoon of this week.

Jack Ransohoff, city champion, had quite a scrap on his hands before he defeated Bob Nimmo, of K-25, 7-9, 6-3, 6-2. Nate Smith, former city titlist, also lost his first set but walloped another former champion, Larry Thaler, 2-6, 6-3, 6-2. In the other singles match Don Smith outlasted Bob Gover, 10-8, 6-1. In doubles the battling continued as the K-25ers put up terrific battles before bowing. George Wells and Fred Hurst took John Michel and Frank Brinkley 6-4, 2-6, 6-3; and Frank Ballenger and Leland Mann trimmed Phil Collett and Jim Herring 6-1, 2-6, 6-3.

The Y-12 netters now have a two and one record in the last half of the season, holding second place behind Oak Ridge National Laboratory which has a three won and none lost mark. The Y-12 team won the first half of the season title.

## Physics Seminar Changes Time, Place Of Meetings

The time and place for the weekly meetings of the Oak Ridge Physics Seminar, attended by many Y-12ers, has been permanently changed, it was announced last week. The meetings in the

## Today Final To Enter Plant Golf Tourney

Interest appears high in the annual Y-12 area golf tournament to be played at the Oak Ridge Golf and Country Club August 2-3 and 9-10, it is indicated by the rush to file entries at the Recreation Office, North Portal. The deadline for entrance in the event is 4:30 o'clock this afternoon, Wednesday, July 30.

### May Try For Better Spot

Golfers in the plant league may enter without qualifying on the averages as of July 30. However, if any player wants to compete for the medal play trophy or try to advance from whatever divisions they are now in, they must play an 18-hole qualifying round to establish a new scoring average.

In addition to the medal trophy, prizes will be awarded winners in each flight. The entrants will be divided into divisions of 16 players, with as many divisions as necessary to determine flight positions. Winners in the first division will form the championship flight and the losers the first flight. Other flights will be determined in a similar manner in division competition.

### Play To Open Saturday

All first round matches are scheduled for 8 a. m. Saturday, but matches may be played at some other hour that day if the contestants mutually agree. Second round bouts are slated for next Sunday, August 3, but also may be reset for some time during the week if the players desire. Second round matches must be completed by Friday, August 8, however. Semi-final matches should be completed on Saturday, August 9, with finals the following day, Sunday, August 10.

## Rough Riders Hold Golf League Lead

The Rough Riders held first place in the Y-12 Plant Golf League last week by trimming the Bldg. 9212 divot diggers for two points and maintained their clean record. In other matches, all decided by the two-point margin, the Rippers beat the Grand Slammers, Hooks humbled the Turf Riders, the Eagles took the Rebels, the Four Woods walloped the Four 100s and the Fat Boys bumped the Shakers.

Team	W	L
Rough Riders	6	0
Rippers	4	2
Hooks	4	2
Four Woods	4	2
Grand Slammers	4	2
Fat Boys	3	3
Turf Riders	2	4
Four 100s	2	4
Eagles	2	4
Shakers	2	4
Rebels	2	4
Bldg. 9212	1	5

future will be held at 3:15 o'clock Friday afternoons in the auditorium of the new Research Building at the Oak Ridge National Laboratory. The building is No. 4500.

For the meeting this week, Friday, August 1, the speaker will be Dr. Ralph Livingston, of the Chemical Division of ORNL. His topic will be "Pure Quadrupole Spectra In Solids."



**FOLKS OF THE ANALYTICAL CHEMISTRY DIVISION HELD A WATERMELON FEAST** recently at the Grove Center picnic grounds that was well attended by a large throng that had a large time. A general view of the guests is shown at top. At left center, from left, are H. P. House, Roberta McCutchen, M. T. Kelley, Mrs. Frances Robinson, holding baby Cynthia; James Robinson, guest of honor at this affair; and his little son, Steven. At right center a hot argument raged at the horseshoe stake between Charley Boyd, E. C. Lynn, Mrs. Charley Boyd and Sue Ross. Joe Lee is in the background. Naturally, there was a lot of small fry at the party, as shown in the bottom picture. From left are Mrs. Oscar Menis, holding Danny Menis, then come Peggy Lynn, Julian Roemer, Bo Rowan, Charley Boyd, Jr., Richard Lund, Fritz Roemer, Cynthia Robinson, Boyd Briggs, Bill Rowan, Sylvia Idom, Steven Robinson, Jeffery Lund and Miss Janet Debnam, holding Jennifer Lund.

## Rides Wanted And Offered

**Riders Wanted**—From Inskip, via Clinton Pike and Edgemore Road, straight day. F. E. Shipley, Jr., plant telephone 7793, home telephone 6-3797.

**Ride Wanted**—From vicinity of Washington Pike and Whittle Springs, Knoxville. R. D. Satterfield, plant telephone 7946, home telephone 3-5243.

**Ride Wanted**—From Columbia Hall, straight day. Louise Argo and Edna Fine, plant telephone 7736, home telephone 5-5763.

## Varsity Golfers Top KUB; Average High

The Y-12 varsity golfers took their fourth straight Smoky Mountain Golf League victory without a loss last Sunday when they whipped the Knoxville Utility Board by 15 points to 9. The match was played at the Whittle Springs course in Knoxville and the Y-12 team posted the exceptional average of 76 for the engagement. Carl Door led the field with a two under par 68.

The Y-12ers are tentatively scheduled to play K-25 on August 16 and Sears Roebuck on the following day. After those matches only one more engagement remains for the Y-12ers, a bout with TVA to wind up the season.

## Women's Voter League Asks Y-12ers To Hear Candidates

All candidates whose names will appear on the ballot in the August 7 county and primary elections for whom Oak Ridgers will vote have been invited to a meeting of the Oak Ridge League of Women Voters at 8 o'clock tomorrow night, Thursday, July 31. The meeting will be held in the civic auditorium in the Oak Ridge High School.

All Y-12ers and members of their families qualified to vote in the elections a week from Thursday have been urged to attend the meeting to see and hear the candidates. Included among the invitations issued by the league are to candidates for governor, United States senator, house of representatives, state legislature and county offices on which Oak Ridgers will vote.

## Carbide To Sponsor Election Returns On WATO August 7

Carbide and Carbon Chemicals Company will sponsor a broadcast of election returns on the night of Thursday, August 7 over Oak Ridge Station WATO. The election is of great interest here as candidates for governor, state legislature, United States Senator and house of representatives engage in the Democratic primary election and several Anderson County Offices will be filled in the county general election.

## Attendance Record

MAJOR LEAGUE				
More Than 50 Employees Scheduled				
Dept.	Percentage	7-20-52	7-13-52	7-13-52
2060	0.1	1	4	
2619	0.4	2	3	
2014	1.3	3	5	
2142	1.4	4	2	
2003	1.6	5	10	
2773	1.8	6	16	
2617	1.9	7	15	
2619	2.35	8	13	
2618	2.44	9	18	
2018	2.5	10	6	
2077	2.8	11	2	
2790	3.2	12	10	
2008	3.3	13	7	
2015	3.8	14	9	
2091	3.8	15	11	
2001	7.9	16	14	

Group absentee percentage was 2.4 per cent, .1 per cent higher than the preceding week.

MINOR LEAGUE				
15-49 Employees Scheduled				
Dept.	Percentage	7-20-52	7-13-52	7-13-52
2200	0.0	1	1	
2005	0.0	1	1	
2093	0.0	1	1	
2108	0.0	1	2	
2133	0.5	2	1	
2109	0.9	3	1	
2145	1.76	4	5	
2743	1.78	5	1	
2144	2.2	6	4	
2107	2.3	7	3	
2616	4.3	8	1	
2046	4.4	9	8	
2002	4.8	10	6	
2090	9.0	11	1	
2096	10.0	12	7	
2143	14.9	13	9	

Group absentee percentage was 3.7 per cent, .4 per cent higher than the preceding week.

The plant average for the week ending July 20, was 2.5 per cent, remaining the same as the preceding week.